PCT

ENTERED

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\04172002\J089508.raw

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      4  <110> APPLICANT: Abuin, Alejandro
      5         Clapham, Hohn
      8  <120> TITLE OF INVENTION: Transgenic Rodent Comprising A Polynucleotide Encoding A
      9         Human UCP3 Polypeptide
     12  <130> FILE REFERENCE: P32426
C--> 14  <140> CURRENT APPLICATION NUMBER: US/10/089,508
C--> 14  <141> CURRENT FILING DATE: 2002-03-28
     14  <160> NUMBER OF SEQ ID NOS: 2
     16  <170> SOFTWARE: FastSEQ for Windows Version 3.0
     18  <210> SEQ ID NO: 1
     19  <211> LENGTH: 936
     20  <212> TYPE: DNA
     21  <213> ORGANISM: Homo sapiens
     23  <400> SEQUENCE: 1
     24   atggttggac tgaagccttc agacgtgcct cccaccatgg ctgtgaagtt cctgggggca      60
     25   ggcacagcag cctgttttgc tgacctcgtt acctttccac tggacacagc caaggtccgc     120
     26   ctgcagatcc aggggagaa ccaggcggtc cagacggccc ggctcgtgca gtaccgtggc     180
     27   gtgctgggca ccatcctgac catggtgcgg actgagggtc cctgcagccc ctacaatggg     240
     28   ctggtggccg gcctgcagcg ccagatgagc ttcgcctcca tccgcatcgg cctctacgac     300
     29   tccgtcaagc aggtgtacac ccccaaaggc gcggacaact ccagcctcac taccggatt     360
     30   ttggccggct gcaccacagg agccatggcg gtgacctgtg cccagcccac agatgtggtg     420
     31   aaggtccgat ttcaggccag catacacctc gggccatcca ggagcgacag aaaatacagc     480
     32   gggactatgg acgcctacag aaccatcgcc agggaggaag gagtcagggg cctgtggaaa     540
     33   ggaactttgc ccaacatcat gaggaatgct atcgtcaact gtgctgaggt ggtgacctac     600
     34   gacatcctca aggagaagct gctggactac cacctgctca ctgacaactt cccctgccac     660
     35   tttgtctctg cctttggagc cggcttctgt gccacagtgg tggcctcccc ggtggacgtg     720
     36   gtgaagaccc ggtatatgaa ctcacctcca ggccagtact tcagcccccct cgactgtatg     780
     37   ataaagatgg tggcccagga gggccccaca gccttctaca agggatttac accctccttt     840
     38   ttgcgtttgg gatcctggaa cgtggtgatg ttcgtaacct atgagcagct gaaacgggcc     900
     39   ctgatgaaag tccagatgtt acgggaatca ccgttt                               936
     41  <210> SEQ ID NO: 2
     42  <211> LENGTH: 312
     43  <212> TYPE: PRT
     44  <213> ORGANISM: Homo sapiens
     46  <400> SEQUENCE: 2
     47  Met Val Gly Leu Lys Pro Ser Asp Val Pro Pro Thr Met Ala Val Lys
     48   1               5                  10                  15
     49  Phe Leu Gly Ala Gly Thr Ala Ala Cys Phe Ala Asp Leu Val Thr Phe
     50              20                  25                  30
     51  Pro Leu Asp Thr Ala Lys Val Arg Leu Gln Ile Gln Gly Glu Asn Gln
     52          35                  40                  45
     53  Ala Val Gln Thr Ala Arg Leu Val Gln Tyr Arg Gly Val Leu Gly Thr
     54          50                  55                  60
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            RAW SEQUENCE LISTING              DATE: 04/17/2002
            PATENT APPLICATION:  US/10/089,508   TIME: 11:26:53

            Input Set : A:\seqlist.txt
            Output Set: N:\CRF3\04172002\J089508.raw

55    Ile Leu Thr Met Val Arg Thr Glu Gly Pro Cys Ser Pro Tyr Asn Gly
56    65              70                  75              80
57    Leu Val Ala Gly Leu Gln Arg Gln Met Ser Phe Ala Ser Ile Arg Ile
58                85                  90                  95
59    Gly Leu Tyr Asp Ser Val Lys Gln Val Tyr Thr Pro Lys Gly Ala Asp
60                100                 105                 110
61    Asn Ser Ser Leu Thr Thr Arg Ile Leu Ala Gly Cys Thr Thr Gly Ala
62                115                 120                 125
63    Met Ala Val Thr Cys Ala Gln Pro Thr Asp Val Val Lys Val Arg Phe
64        130                 135                 140
65    Gln Ala Ser Ile His Leu Gly Pro Ser Arg Ser Asp Arg Lys Tyr Ser
66    145                 150                 155                 160
67    Gly Thr Met Asp Ala Tyr Arg Thr Ile Ala Arg Glu Glu Gly Val Arg
68                165                 170                 175
69    Gly Leu Trp Lys Gly Thr Leu Pro Asn Ile Met Arg Asn Ala Ile Val
70                180                 185                 190
71    Asn Cys Ala Glu Val Val Thr Tyr Asp Ile Leu Lys Glu Lys Leu Leu
72        195                 200                 205
73    Asp Tyr His Leu Leu Thr Asp Asn Phe Pro Cys His Phe Val Ser Ala
74        210                 215                 220
75    Phe Gly Ala Gly Phe Cys Ala Thr Val Val Ala Ser Pro Val Asp Val
76    225                 230                 235                 240
77    Val Lys Thr Arg Tyr Met Asn Ser Pro Pro Gly Gln Tyr Phe Ser Pro
78                245                 250                 255
79    Leu Asp Cys Met Ile Lys Met Val Ala Gln Glu Gly Pro Thr Ala Phe
80                260                 265                 270
81    Tyr Lys Gly Phe Thr Pro Ser Phe Leu Arg Leu Gly Ser Trp Asn Val
82        275                 280                 285
83    Val Met Phe Val Thr Tyr Glu Gln Leu Lys Arg Ala Leu Met Lys Val
84        290                 295                 300
85    Gln Met Leu Arg Glu Ser Pro Phe
86    305                 310
```

VERIFICATION SUMMARY   DATE: 04/17/2002
PATENT APPLICATION: **US/10/089,508**   TIME: 11:26:54

Input Set : **A:\seqlist.txt**
Output Set: **N:\CRF3\04172002\J089508.raw**

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date